PRODUCT BULLETIN GYPSUM PRODUCTS	5/8" SOFFIT BOARD TYPE X	BULLETIN'NO: DATE:	B-44 2/15/73
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PRODUCING PLANTS - Seattle

CORE FORMULA (Ibs/MSF)

Board Stucco	(S-1)	1650 - 1950
Paper Fiber	(B-G-1)	0 - 15
Vermiculite Ore	(RM-B-28)	22 - 25
Glass Fiber	(B-G-1)	3.8 - 4.2
Starch	(RM-B-11A)	9 - 12.5
Core Foaming Agent:		
ALS or AAS	(B-G-1)	0.2 - 1.7
Lignin	(B-G-1)	3.5 - 4.5
End Trim	(B-G-1)	0 - 35
Potassium Sulfate (in solution)	(B-G-1)	4.5 - 5.5
Retarder	(B-G-1)	0 - 0.8
Hydrated Lime	(RM-P-3)	0 - 0.5
Asphalt Wax Emulsion (gal/MSF)	(RM-B-2A)	9 - 11

NOTE:

Rotate inventory of asphalt-wax emulsion. Do not use emulsion over 30 days old without pretesting. Potassium sulfate must be fed in a water solution.

PAPER LINERS

Grade No. 7018 Tan Soffit Board paper on both sides. (Bulletin RM-B-1A)

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	PRODUCT BULLETIN GYPSUM PRODUCTS	5/8" SOFFIT BOARI TYPE X)	BULLETIN'NO: DATE: PAGE:	B-44 2/15/73 2 of 3	
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	OPERATING SPECIFICATIONS (Refer to Process Bulletin B-G-2 for General Specifications) 1. Slurry slump, inches 4-1/2 - 7					
	2. Slurry Setting Time, minutes 2 - 4-3/4					
	3. Wet Sturry Weight, Ibs/cu. ft. 75 - 85					
	4. Wet Compressive Strength, psi 200 - 400					
	5. Moisture Content (take off prong type) 15 - 20%					
	6. Printing – Use nonbleeding ink for all printing on Soffit Board. Face printing shall read "KAISER GYPSUM SOFFIT BOARD – TYPE X".					
	PRODUCT SPECIFICATIONS (Refer to Product Bulletin B-G-4 for General Specifications and to Test Method Bulletins)					
	Wet Weight (lbs/MSF) 3200 - 3500					
	Dry Weight (lbs/MSF)	~ .	2100	- 2400		
	Evaporation Loss (Ibs/M	SF)	1000	- 1200		
	Thickness - Average (inch)			0.605 - 0.640		
	Edges	7 F	Roun	d Tapered Edge		
	Edge Hardness at Take-off (lbs)			10 minimum		
End Peel after Sawing (inch) (both leading and tailing ends)			1/8 maximum			
	Flexural Strength Across grain (lbs) Parallel (lbs)			minimum minimum		
	Deflection at Break, mi Across grain (inch) Parallel (inch)	nimum	0.25 0.15			
	Punch Test (lbs)		700	- 1100		

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		T BULLETIN PRODUCTS	5/8" SOFFIT BOARD TYPE X		BULLETIN NO: DATE: PAGE:	B-44 2/15/73 2 of 3
	APPROV.	PAF it	ASTM C 79		CANCELS: DATE:	B-44 11/17/72
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ľ	OPERATI	ng specifica	ATIONS (Refer to Process Bu	lletin	B-G-2 for General S	pecifications)
	1. S	lurry slump, in	ches	4-1/	2 - 7	
	2. S	lurry Setting Ti	me, minutes	2 - 4	-3/4	
	 Wet Slurry Weight, lbs/cu. ft. Wet Compressive Strength, psi Moisture Content (take off prong type) 		ht, lbs/cu.ft.	75 - 85		
			Strength, psi	200 -	- 400	
			15 - 20%			
	6. Printing – Use nonbleeding ink for all printing on Soffit Board. Face printing shall read "KAISER GYPSUM SOFFIT BOARD – TYPE X".				orinting shall	
	PRODUCT SPECIFICATIONS (Refer to Product Bulletin B-G-4 for General Specifications and to Test Method Bulletins)					ecifications
	Wet Weight (lbs/MSF)			3200	- 3500	
	Dry Weight (Ibs/MSF)			2100 - 2400		
	Evaporation Loss (lbs/MSF)		SF)	1000 - 1200		
	Thickness - Average (inch)		ch)	0.60	5 - 0.640	
	Edges			Round Tapered Edgo		
	Edge Hardness at Take-o		off (lbs)	10 m	minimum	
	End Peel after Sawing (i (both leading and taili			1/8 maximum		
	Flexural Across Parallo	grain (lbs)			minimum minimum	
	Deflection	on at Break, mi grain (inch)	กโทบท	0.25 0.15	i	

Punch Test (Ibs)

700 ~ 1100

PRODUCT BULLETIN GYPSUM PRODUCTS 5/8" SOFFIT BOARD TYPE X

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Product Specifications--Contd.

Twist Test, maximum split Face (inch)

3/4

Back (inch)

3/4

Hammer Loss Test, decigrams Individual Test, maximum

5.0

Bond at High Humidity, maximum peel

Face (inch) Back (inch) 1/2 1/2

Water Immersion Test, 2 Hours

1 inch head of water at 70° F Maximum weight gain (ASTM C 473)

10%

Surface Water Absorption, Face & Back

Cobb Test, 70° F water for 2 hours

(ASTM C 630)

Maximum weight gain

2 grams

NOTE: Do NOT use UL Bundling Tape on SOFFIT BOARD

Bundle two pieces face to face with Soffit Board Bundling Tape. Ship board using same loading methods, unit sizes and weather protection as 5/8" NULL-A-FIRE board.